

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041520\
 Data File : VV015517.D
 Acq On : 15 Apr 2020 18:41
 Operator : SY/MD
 Sample : L2274-16DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 16 00:45:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 16 00:42:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	103797	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	97963	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	47333	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28607	5.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.20%
7) Chloroethane-d5	1.58	69	26522	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.12	63	42047	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.93	46	77442	51.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.42%
24) Chloroform-d	4.38	84	57347	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.06	65	32269	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.08	84	114213	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.09	67	34948	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.34	98	104992	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	7.65	79	14259	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.11	63	61990	43.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	23853	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	38159	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

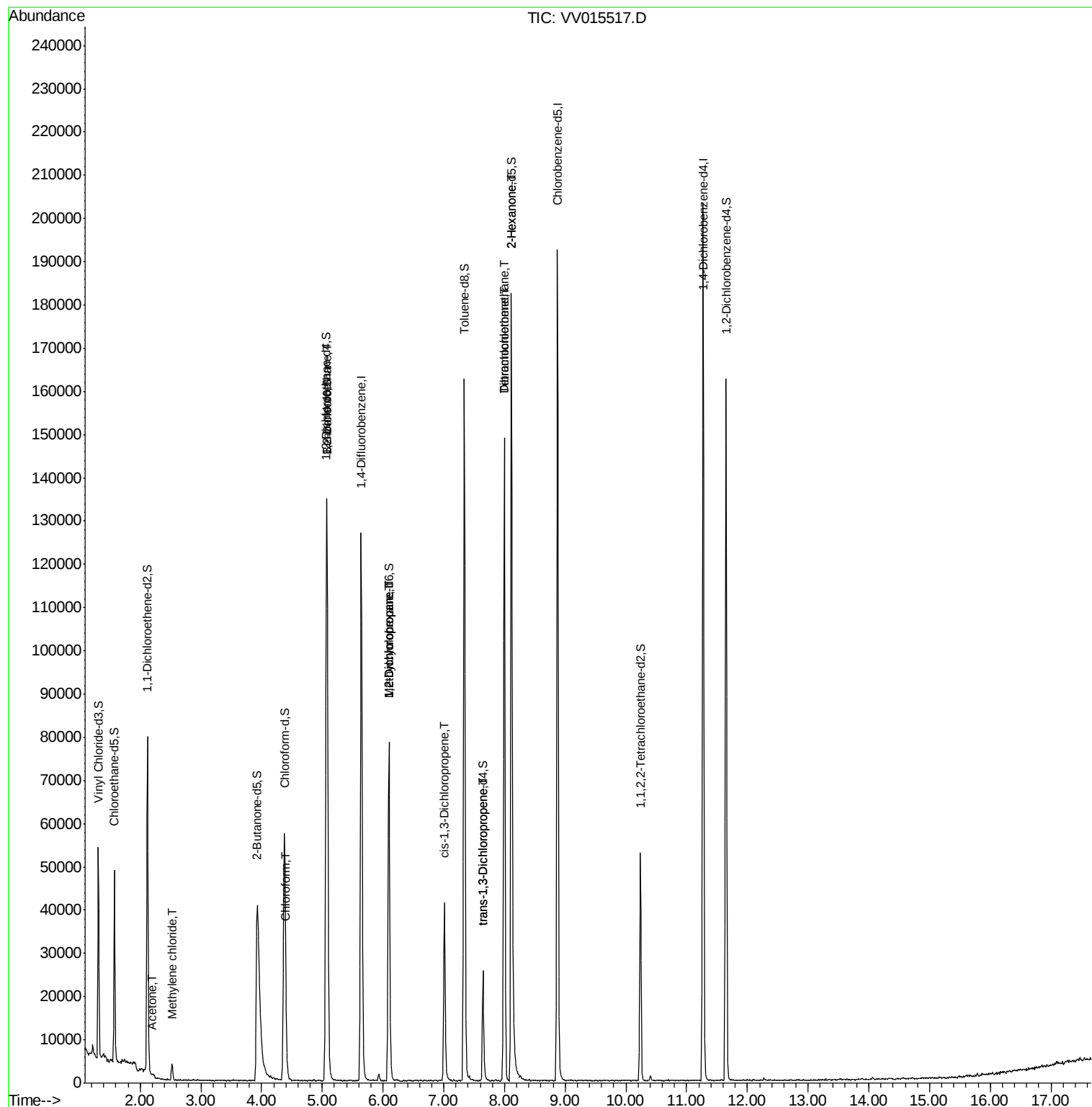
					Ovalue
13) Acetone	2.20	43	1323	1.238 ug/L #	57
16) Methylene chloride	2.52	84	1424	0.187 ug/L	97
25) Chloroform	4.41	83	2536	0.179 ug/L	97
27) 1,2-Dichloroethane	5.07	62	824	0.090 ug/L #	77
35) Methylcyclohexane	6.09	83	9045	0.680 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4499	0.619 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1073	0.096 ug/L #	62
44) trans-1,3-Dichloropropene	7.64	75	656	0.070 ug/L #	74
47) Tetrachloroethene	8.00	164	30465	5.210 ug/L	98
48) 2-Hexanone	8.11	43	9813	2.941 ug/L #	74
49) Dibromochloromethane	8.00	129	29657	5.065 ug/L #	10

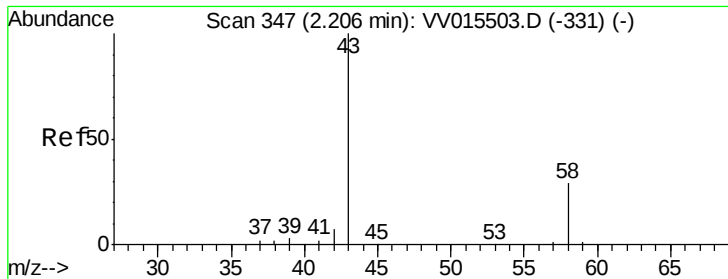
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

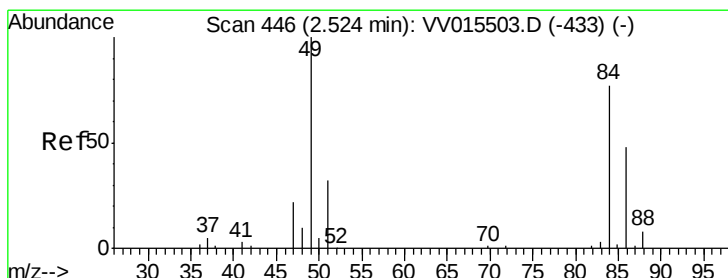
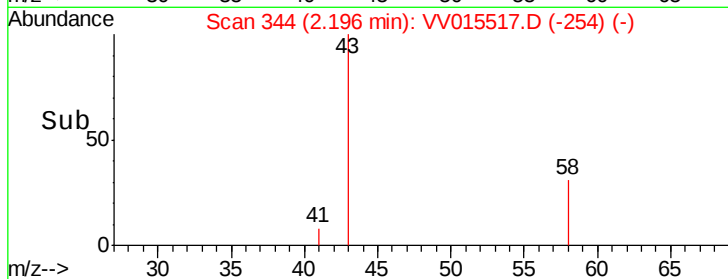
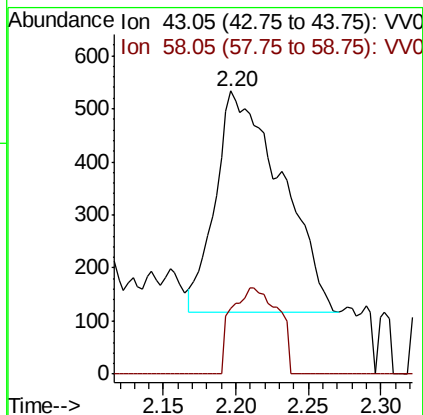
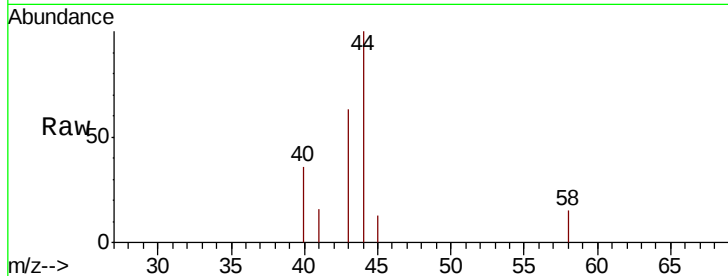




#13
Acetone
Concen: 1.238 ug/L
RT: 2.20 min Scan# 344
Delta R.T. -0.01 min
Lab File: VV015517.D
Acq: 15 Apr 2020 18:41

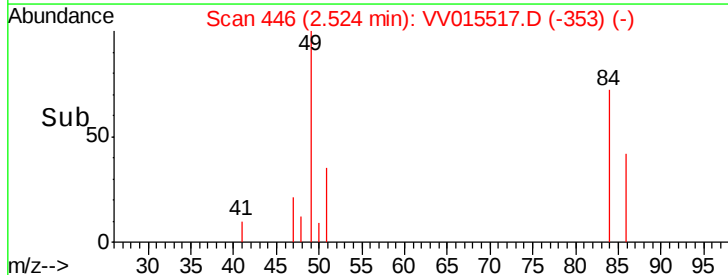
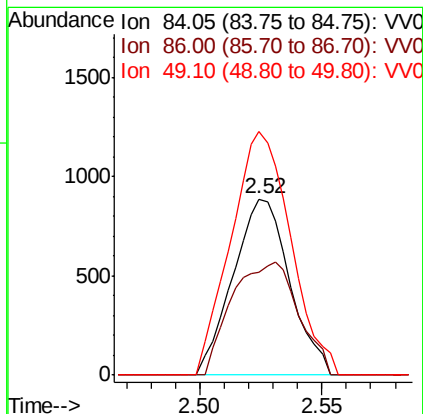
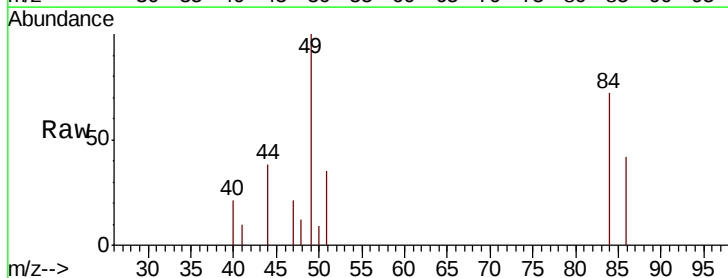
Instrument :
MSVOA_V
ClientSampled :

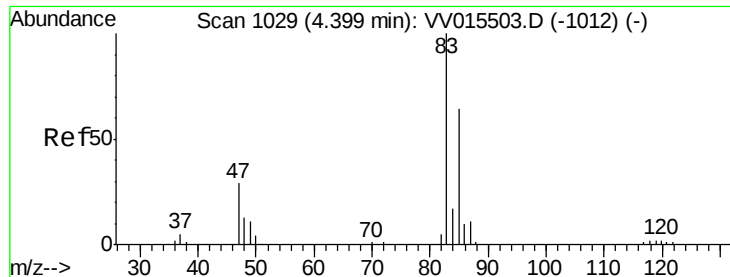
Tot Ion: 43 Resp: 1323
Ion Ratio Lower Upper
43 100
58 27.4 0.0 22.2#



#16
Methylene chloride
Concen: 0.187 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV015517.D
Acq: 15 Apr 2020 18:41

Tgt Ion: 84 Resp: 1424
Ion Ratio Lower Upper
84 100
86 58.7 45.1 83.7
49 138.3 97.9 181.7

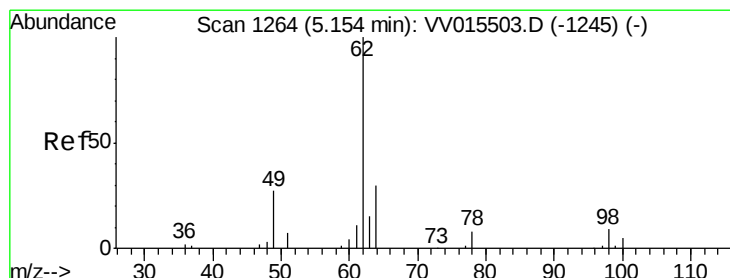
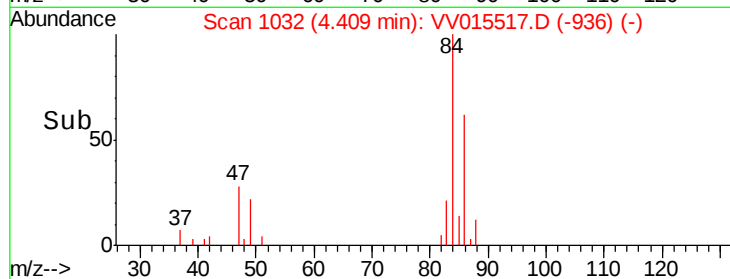
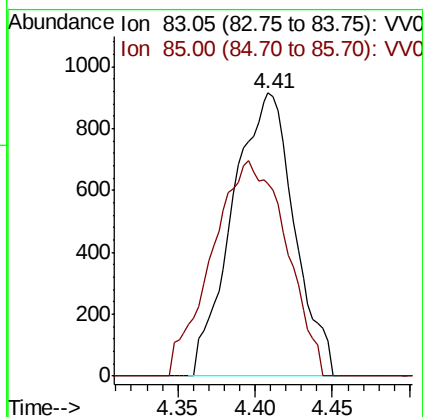
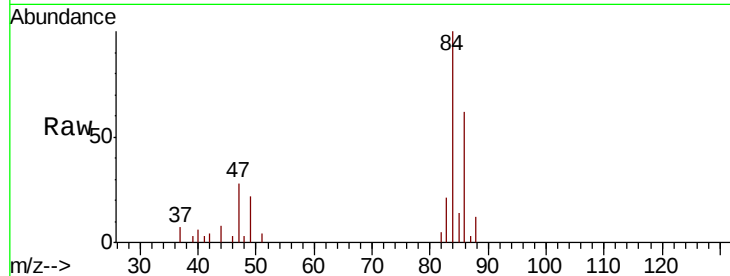




#25
 Chloroform
 Concen: 0.179 ug/L
 RT: 4.41 min Scan# 1032
 Delta R.T. 0.01 min
 Lab File: VV015517.D
 Acq: 15 Apr 2020 18:41

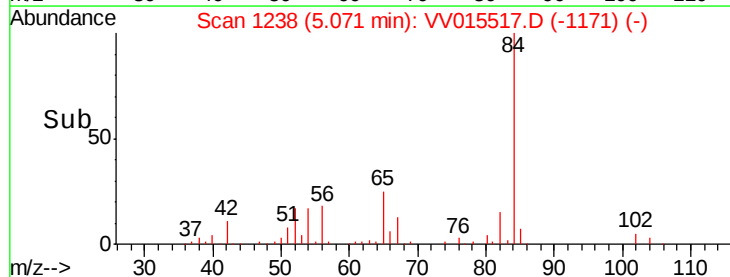
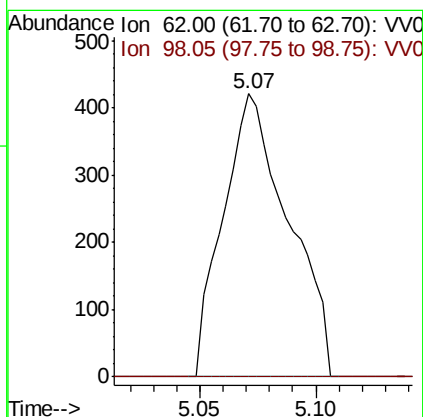
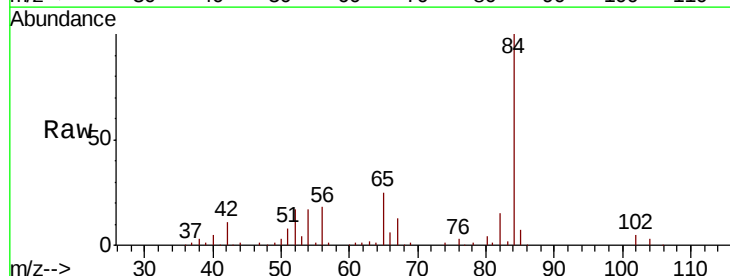
Instrument :
 MSVOA_V
 ClientSampled :

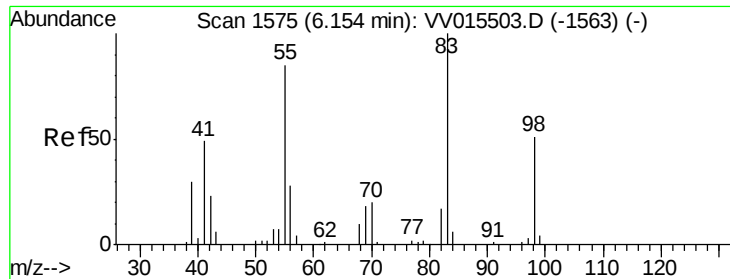
Tot Ion: 83 Resp: 2536
 Ion Ratio Lower Upper
 83 100
 85 68.2 45.9 85.3



#27
 1,2-Dichloroethane
 Concen: 0.090 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV015517.D
 Acq: 15 Apr 2020 18:41

Tgt Ion: 62 Resp: 824
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#

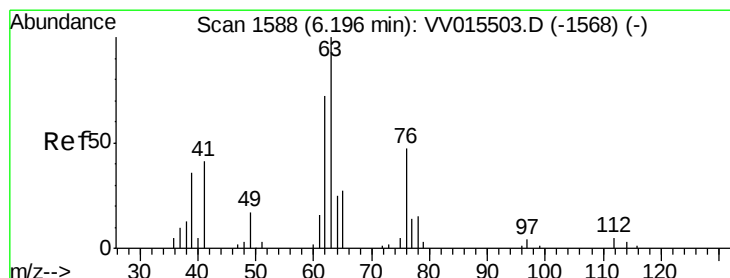
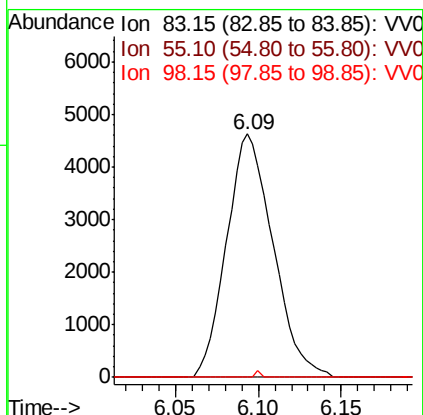
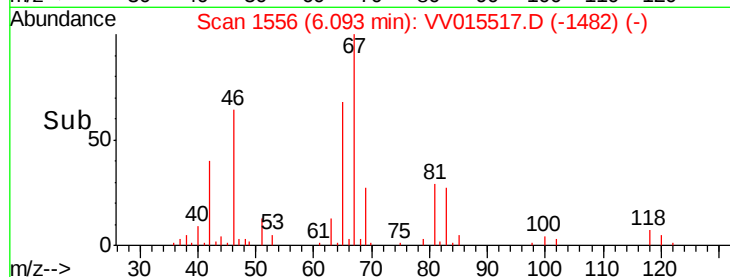
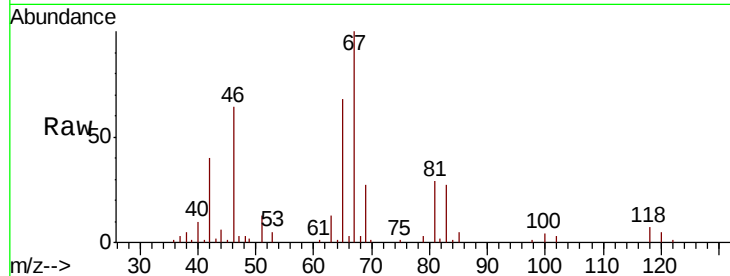




#35
Methvlcvclohexane
Concen: 0.680 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015517.D
Acq: 15 Apr 2020 18:41

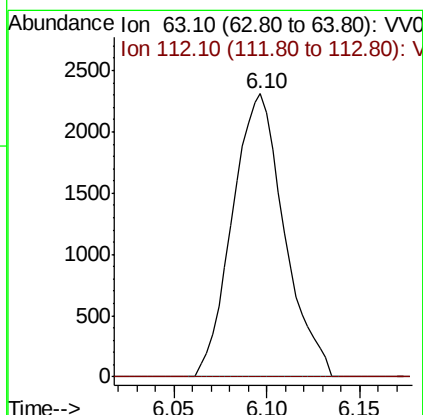
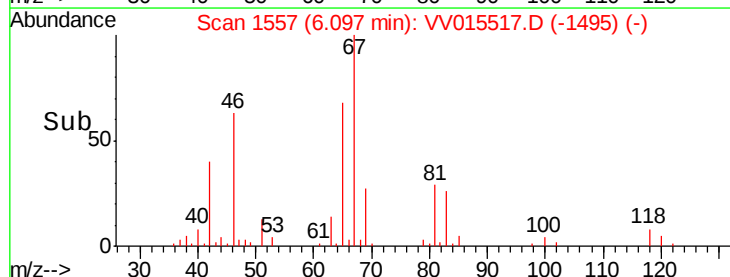
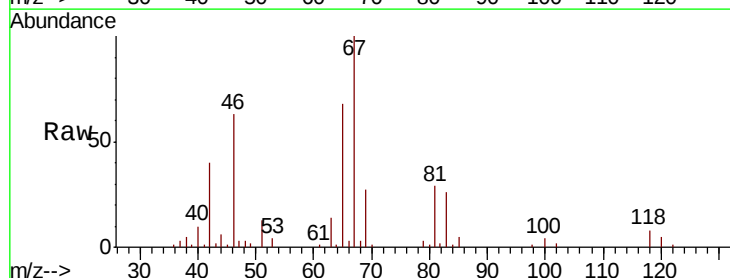
Instrument :
MSVOA_V
ClientSampleId :

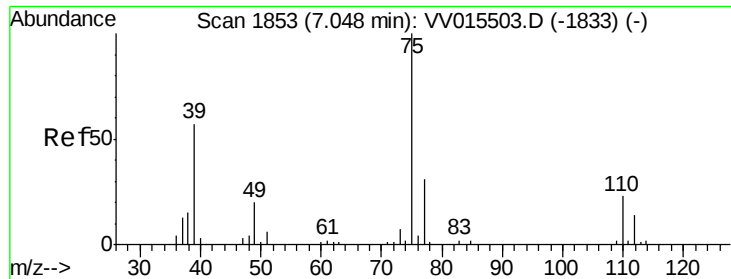
Tot Ion: 83 Resp: 9045
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.3 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 0.619 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015517.D
Acq: 15 Apr 2020 18:41

Tgt Ion: 63 Resp: 4499
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

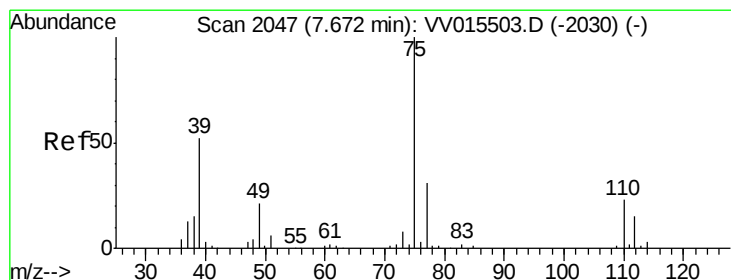
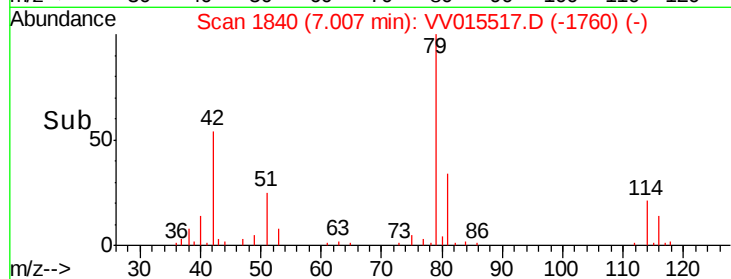
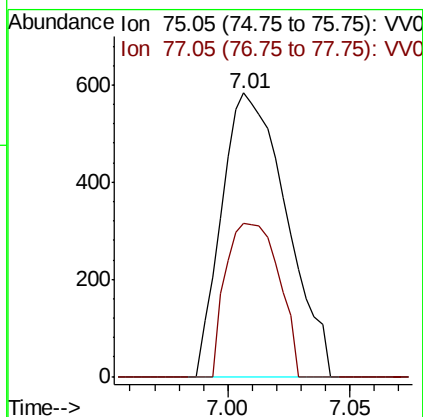
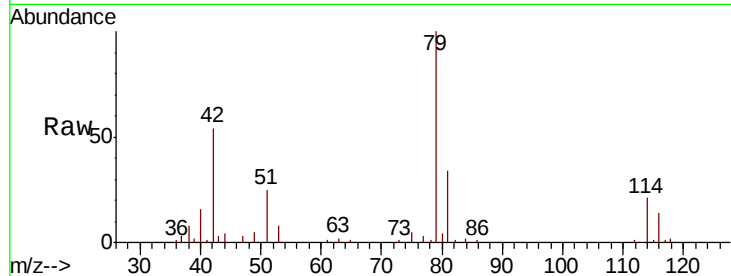




#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015517.D
 Acq: 15 Apr 2020 18:41

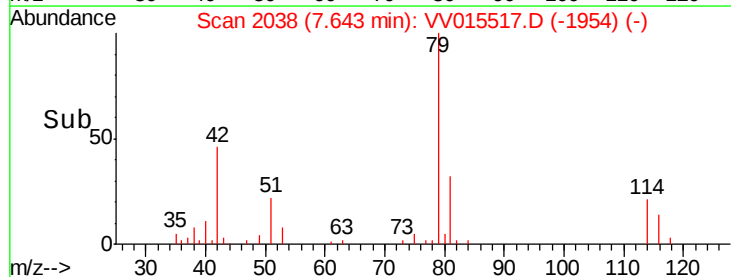
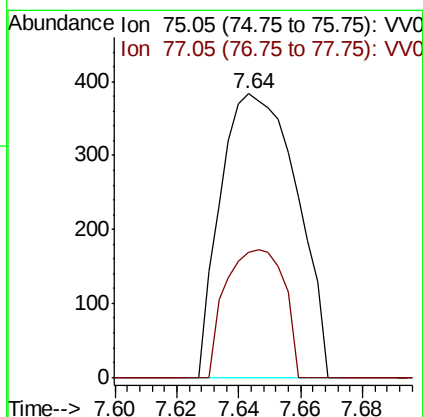
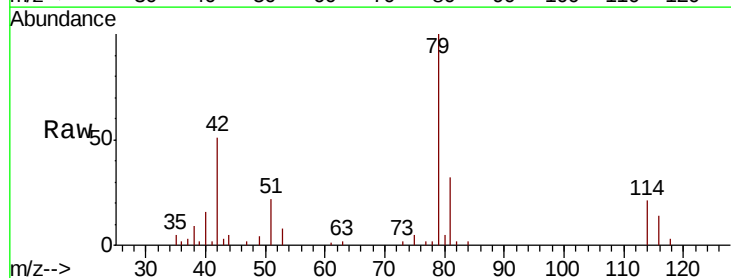
Instrument :
 MSVOA_V
 ClientSampleId :

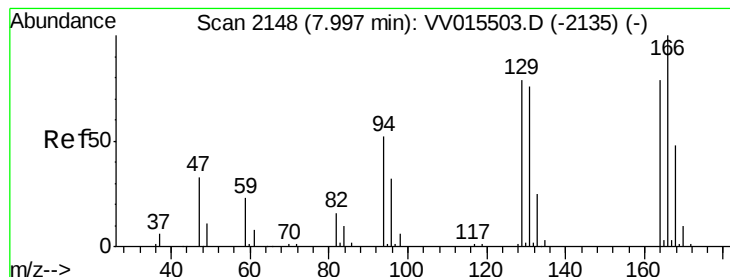
Tot Ion: 75 Resp: 1073
 Ion Ratio Lower Upper
 75 100
 77 54.2 23.0 42.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.070 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015517.D
 Acq: 15 Apr 2020 18:41

Tgt Ion: 75 Resp: 656
 Ion Ratio Lower Upper
 75 100
 77 44.1 21.0 39.0#





#47

Tetrachloroethene

Concen: 5.210 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015517.D

Acq: 15 Apr 2020 18:41

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 30465

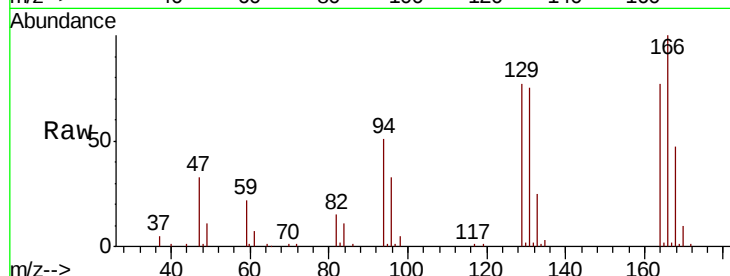
Ion Ratio Lower Upper

164 100

129 99.2 70.6 131.0

131 96.6 68.3 126.8

166 129.5 88.3 163.9

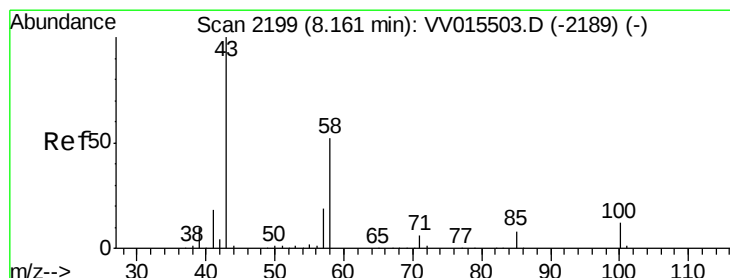
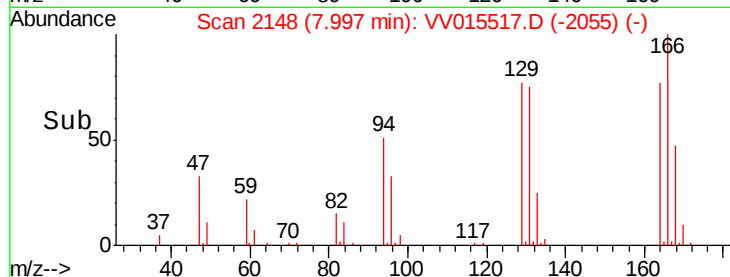
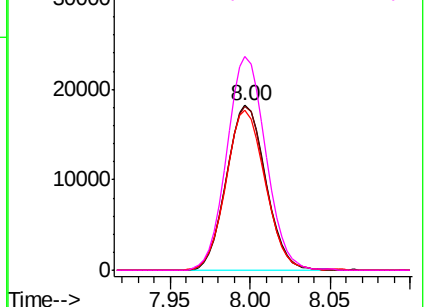


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 2.941 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015517.D

Acq: 15 Apr 2020 18:41

Tgt Ion: 43 Resp: 9813

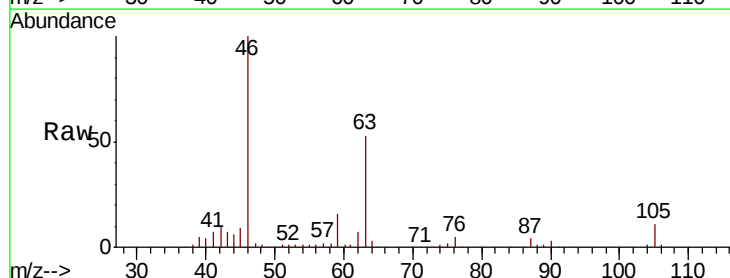
Ion Ratio Lower Upper

43 100

58 30.1 41.4 62.0#

57 22.2 15.0 22.4

100 0.0 9.4 14.2#

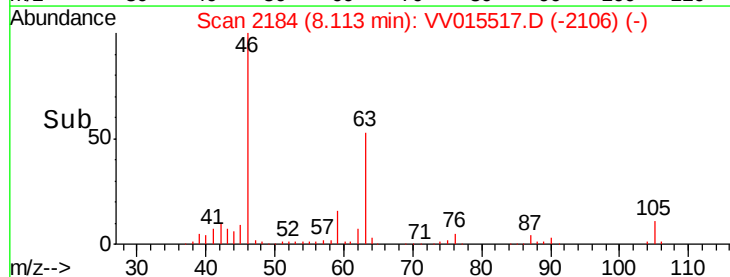
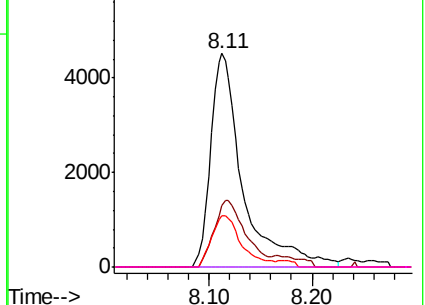


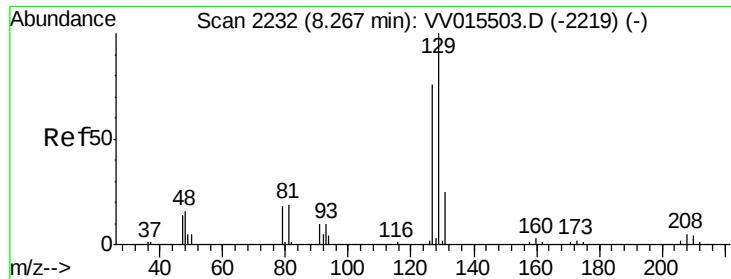
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#49

Dibromochloromethane

Concen: 5.065 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV015517.D

Acq: 15 Apr 2020 18:41

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 29657

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#

